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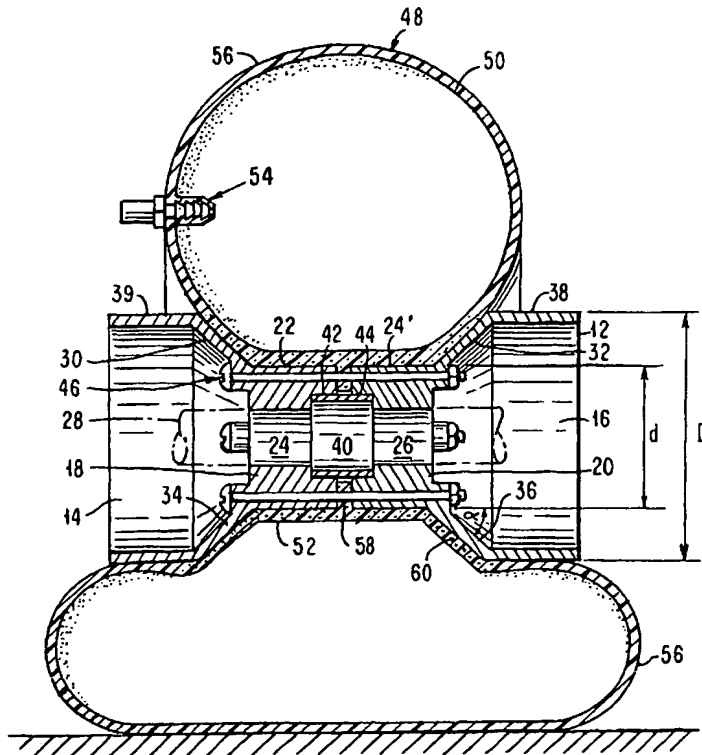
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(54) Title: LOW PRESSURE TIRE



(57) Abstract: A low pressure tire including a torus of flexible, substantially inelastic material. The material will not deform at a temperature of about 225 °F. The torus includes an inner diameter surface for engaging a tire supporting rim and an outer diameter surface for contacting a support surface. The torus can flatten under a load to facilitate movement of the tire over soft or irregular support surfaces. A sealable opening permits the inflation and deflation of the torus, and includes a valve stem housing and a valve stem having a plurality of barbs which taper inwardly in the direction of the valve stem housing.

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